One Eagle Square, P.O. Box 3550 Concord, NH 03302-3550 Telephone 603.224.2381 Facsimile 603.224.2318 www.orr-reno.com

October 6, 2008

Thomas S. Burack, Chairman NH Site Evaluation Committee c/o NH Department of Environmental Services 29 Hazen Drive, P.O. Box 95 Concord, NH 03302-0095

Re: Docket No. 2008-04 - Application of Granite Reliable Power, LLC for a certificate of Site and Facility for the Granite Reliable Power Wind Park in Coos County

Dear Chairman Burack:

Enclosed are an original and nine copies of the following documents: (1) the power point presentation that Granite Reliable Power, LLC "GRP") made at the public hearing on October 2, 2008 in Groveton; (2) the supplement to the visual assessment that was requested by the Town of Dummer and was made available to all in attendance during the site visit on October 3, 2008; and (3) the Section 106 Consulting Party Process in New Hampshire handout that was available at the October 2, 2008 hearing. GRP requests that these documents be treated as a supplement to the Application filed with the Committee on July 15, 2008 and that they be included as Appendices 36, 37 and 38 respectively.

Thank you for your cooperation. Please let me know if you have any questions.

cc. Service list in SEC Docket No. 2008-04

504575_1.DOC



Granite Reliable Power Windpark

Joint Public Hearing - October 2nd 2008

New Hampshire Site Evaluation Committee United States Army Corps of Engineers and



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- I Project Description
- Environmental Studies
- Project Alternatives
- Proposed Mitigation
- Project Benefits



About Noble Environmental Power

- Formed by wind energy industry leaders responding to public policy initiatives to increase renewable energy sources.
- Granite Reliable Power LLC, majority owned by Noble Environmental Power, LLC majority owned by JP Morgan Partners Fund
- Noble has over 1,000 megawatts of wind generation that are in the later stages of development, construction or are in operation.
- Office in Lancaster (the old court house on main street)

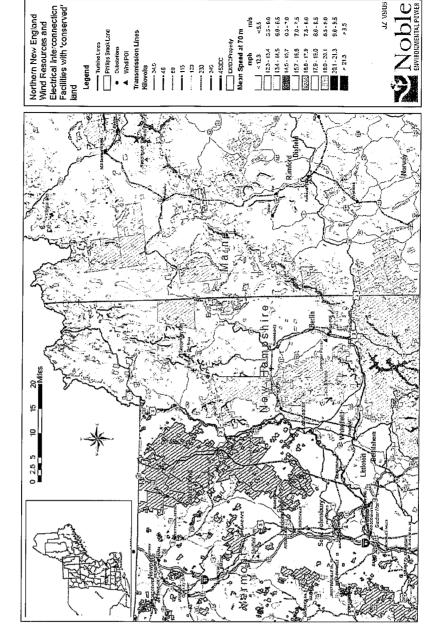
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Why Coös County?

- Excellent wind resources
- Broad and deep support for wind energy
- Need for new generation sources
- Need to reduce reliance on natural gas
- Rising energy prices are driving demand for renewables

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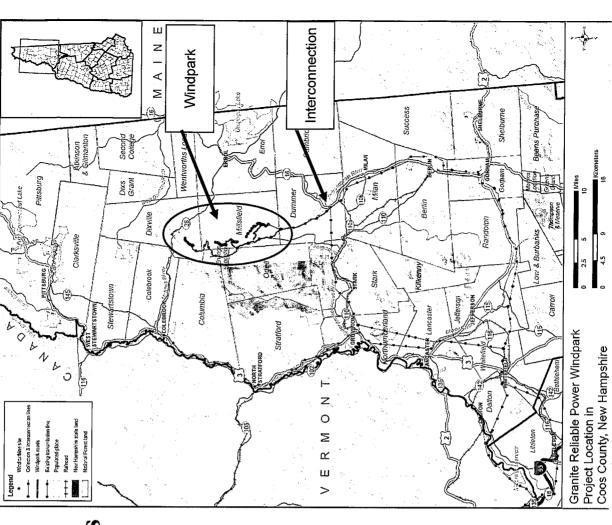




About the Windpark

- Proposed in Dixville, Erving's Location, Odell, Millsfield and Dummer
- 99 MW based on Vestas V-90
- (1 wind turbine can supply up to 1,000 homes)
- Private land (3 land owners)
- Spans 80,000+ acres of active commercial forest (project will use ~ 203 acres of land)
- Turbines sited on ridgelines within three separate tracts
- Position in ISO queue permits access to transmission grid

Wind Power. In relains choice



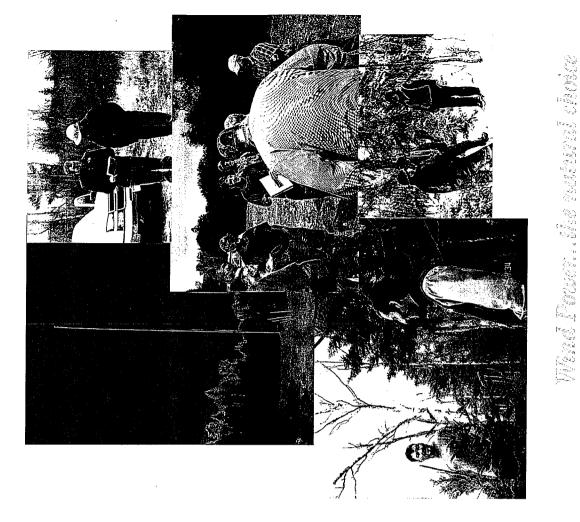


So how did we get here?

This project represents over two and a half years of intensive study involving:

Analysis of wind data to confirm wind resource and properly site windpark Working with private landowners, individuals, community leaders, state and federal agencies

Hiring of local firms (Horizons Engineering, York Land Services, Lobdell and Associates, Kel-log Logging)

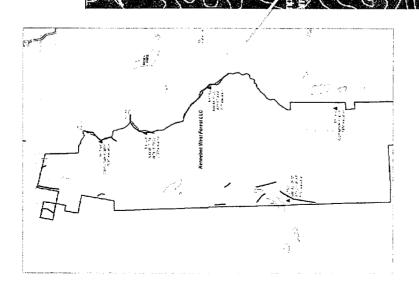




Completed Environmental Studies

nterconnection Studies	Interconnection Studies • System Impact and Feasibility Studies required by ISO NE and PSNH	In Progress
Road Use	• Special Permit to Move a Load in Excess of Legal Limit	To be submitted to the NH Dept of Transportation once permits are issued
Water Quality	• 401 Water Quality Certification Application	submitted to NH DES Watershed Management Bureau (permitting authority for EPA)
	• Standard Dredge & Fill Permit Application	submitted to NH DES Wetlands Division
	• Site Specific Alteration of Terrain Permit Application	submitted to NH DES Water Division
		_
Human Impacts	• Environmental Sound Survey and Noise Impacts Assessment	Completed November, 2007
	• Jobs and Economic Development Impact (JEDI) Study	Completed October, 2007
	• Shadow Plicker Analysis	Completed December, 2007
	• Visual Impact Analysis	Completed December, 2007
Natural Environment	• Acoustic Bat Survey	Completed for Spring, Summer, Fall 2007
and Wildlife	• Breeding Birds Survey	Completed for Spring 2007
	Natural Communities Field Survey	Spring 2008
	• Nocturnal RADAR Surveys	Completed for Fall 2006, Spring 2007, Fall 2007
	• Raptor Survey	Completed for Fall 2007
	• Reconnaissance-Level Rare Plants Survey	Completed for Spring, Summer 2007
	• Reconnaissance-Level Wetland and Vernal Pool Survey	Completed for Spring 2007
	• Winter Tracking Survey	Completed for Winter 2007
Airspace	 FAA analysis of Imaginary Surface Penetration, Operational Impacts and Electromagnetic Impacts, and Obstruction Lighting 	Pending receipt of Notice of Proposed Construction (Form 7460-1)
	• FAA Determination of No Hazard to Air Navigation for each turbine location	Pending final construction plans
Archeological and	• Phase 1A and 1B Archeological Surveys	Phase 1A Completed, Phase 1B in Progress
Historic Resources	 Identification of properties within Area of Potential Impact listed or eligible for listing on State or National Register of Historic Places and assessment of potential effects 	Completed
		_





Alternatives

Studies and constant dialogue aided in the design & alternatives of windpark

For example:

- Original windpark envisioned only one landowner.
- Original Turbine Layout envisioned 67 GE 1.5MW machines
- Input from New Hampshire Audubon and other studies resulted in smaller footprint and reduction of turbines and additional landowners into project in order to maximize wind resource and minimize impact.

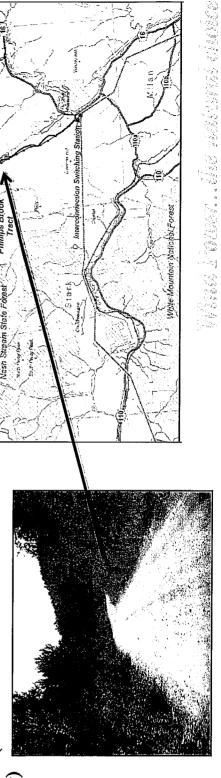


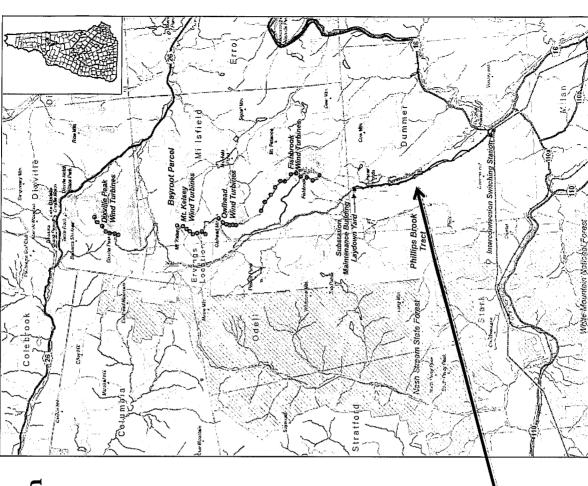
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Windpark design combines results from field surveys and industry experience

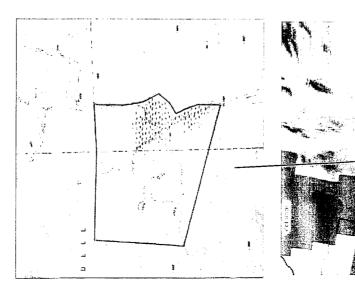
- Site layout maximizes use of existing logging roads
- 19 miles of existing logging roads will be used (over 100 miles of existing logging roads available on Phillips Brook Tract alone)
- 12 miles of new project road are proposed
- Employing specialty hauling vehicles in order to utilize existing road structure thereby reducing primary and secondary impacts (Dummer Pond road shown

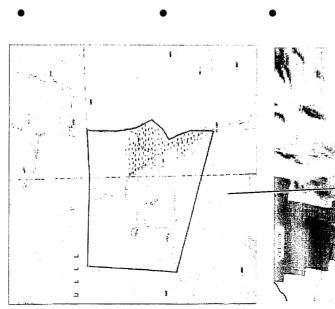


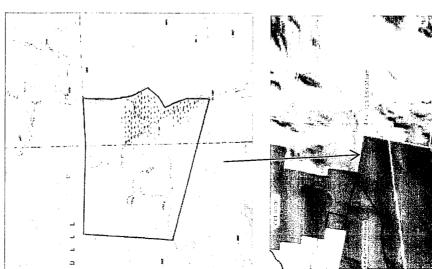




Impacts to Wetlands and Proposed Mitigation



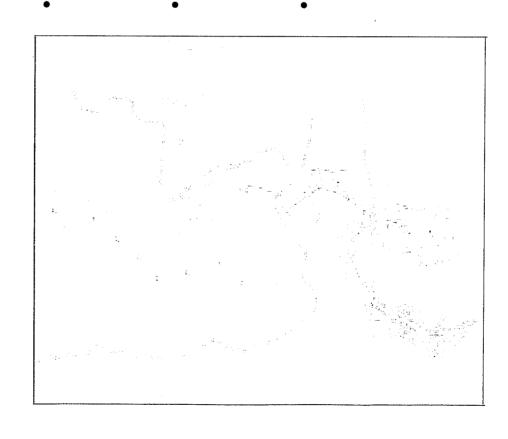




- acres of wetlands (half of the impact comes from upgrading existing roads and the installation of Project involves disturbing approximately 12.81 appropriate storm water control measures)
 - State Wetlands Process Granite is proposing to As part of the Federal Section 404 Process and mitigate for the impact to wetland by:
- Conserving 660 Acres of land that form the headwaters of the Phillips Brook
- Creating Vernal Pools within proposed site
- Adjacent to Nash Stream Forest
- Contains high elevation forest



Impacts to High Elevation Species and Proposed Mitigation



- Project will directly affect approximately 58 acres of high elevation land (above 2700 feet), or 2% of ridgelines on which the turbines are being proposed.
- Recognize the need to conserve high elevation that is important for species such as Bicknell Thrush and American Marten.
- Project will permanently set aside and conserve by easement 460 acres of land, 250 of which are high elevation Spruce Forest or Spruce-Fir forest, and 350 acres of which are above 2700 feet, representing 9% of the available habitat above 2700 feet on the Project's ridges

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On-site direct, Off-site direct, Indirect, Induced Wind Energy's Economic impacts

Wind energy's economic "ripple effect"

Direct Impacts

)n-site

Construction workers
Management
Administrative support

Cement truck drivers, road crews, maintenance workers

If-site

Boom truck & management, gas and g station workers, blades and towers & workers

Hardware store purchases and wor spare parts and their suppliers

Indirect Impacts

These are jobs with and payments made to supporting businesses, such as bankers financing the construction, contractor, manufacturers and equipment suppliers.

Induced Impacts

These jobs and earnings result from the spending by people directly and indirectly supported by the project, including benefits to grocery store clerks, retail salespeople and child care providers.

Afrik Power. See sectored choice



Estimated Economic Benefits - (for a 99 MW project)

- Jobs:

- Estimated 180 220 during construction, and 7 15 during operations.
- The jobs include direct payroll, suppliers, and services provided by local merchants.

Total local economic impacts (approx):

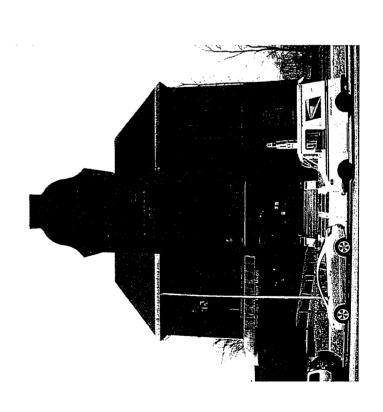
- \$19.4 million during construction
- \$2.2 million annually during operations
- \$63.4 million total over 20 years

West Fours. She returns choice Source: Marshall Goldberg, JEDI (Jobs and Economic Development Impacts) Model http://www.eere.energy.gov



For more information about the windpark, please visit: http://nhsec.state.nh.us/current.htm Or

www.noblepower.com



Pip Decker

Development Manager

Noble Environmental Power

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Lancaster, NH

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Visual Assessment of Interconnection Line Visibility from Dummer Pond

For Noble Environmental Power LLC

By

Jean Vissering and Tom Kokx, Landscape Architects

September 16, 2008

Purpose of Report

At the request of the Town of Dummer, Noble Environmental Power LLC asked for an assessment of the potential visibility of interconnection lines and poles from Dummer Pond. The 115kV interconnection line will be located west of Dummer Pond along the west side of a road which runs from Route 16 near Pontook Reservoir north to the Phillips Pond area.

Study Methodology

The study focused on the portion of the interconnection line running west of the pond. This section has the greatest chance of visibility due to its proximity to the pond and the topography in the area. The poles will be wood H-frame structures approximately 50-55 feet in height. Approximately 12 pole locations west of the pond were evaluated using aerial photos, USGS map, site photos, and cross section profiles. The pole locations and approximately 100-foot clearing zone were provided by Noble Environmental as a data layer for the assessment. Four potential areas on the pond were selected which provided a mix of viewing angles for assessing potential visibility. Cross section profiles were drawn relative to these locations to examine potential visibility. The aerial photographs, flown in approximately 2003/04, show some clear cutting. These areas were included in the cross sections along with an assumed average tree height of 50 feet where vegetation exists.

Please refer to the following attachments:

- Aerial Photo Map Showing Cross Section Locations
- USGS Map Showing Cross Section Locations
- Cross Sections
- Photos Illustrating Pole Locations

Conclusions

General

There is a strong probability that at least 3 poles (poles 3, 4, and 5) will be visible from the southern third of Dummer Pond, especially from the eastern side of the pond. Up to three quarters of the poles may be visible though this visibility will be reduced as an existing clear cut grows to maturity. The tops of another five poles (poles 2, 6, 7, 8, and 9) could also be visible from locations within the eastern two-thirds of Dummer Pond. The lines themselves will be difficult to see since they would be seen against a backdrop of surrounding hills. This condition will also help to reduce the prominence of the poles. Retaining vegetation between the line clearing and the road where this is possible will further reduce the potential for visibility. The poles are likely to be most visible when first installed, and to become less noticeable as time passes.

Detailed

- From viewing positions on Dummer Pond, there will be more probability of viewing portions of the poles from locations along the eastern one-third of the pond near the eastern shoreline. From these locations screening is dependent on vegetation between the road and interconnection line clearing. Where that vegetation becomes sparse there is increased likelihood of being able to view greater portions of the poles and interconnection line.
- As the viewing location moves to the west and the angle of view increases the probability of viewing the poles and interconnection line decreases. Toward the western one-third of the pond the shoreline vegetation becomes a screening factor and any opportunity to view the poles / interconnection line decreases until it is completed eliminated.

Pole 1

• Will likely not be viewed from the pond.

Poles 2-5

- The clearcut area evident in the aerial photo will have an effect on the probability of viewing poles 2-5.
- Poles 4 and 5 will likely be the ones most exposed and where a considerable amount of the pole and interconnection line will be observed from locations toward the south end of the pond. They will be observed against a slope that has had recent timber harvesting activity. From the CAD files it appears that the clearing will be right up to the road for poles 3, 4, and 5.

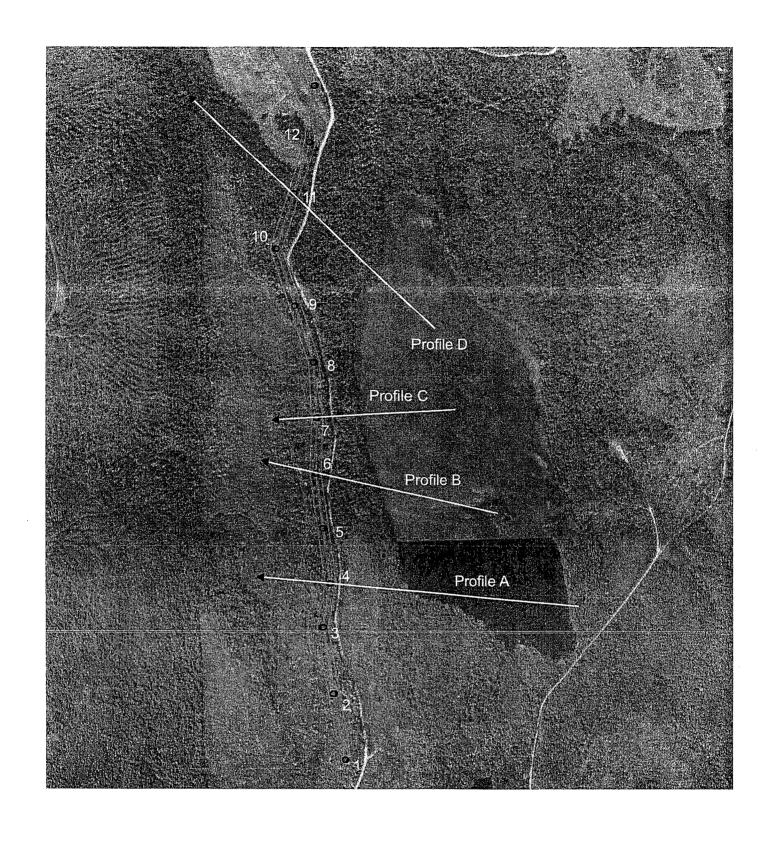
- Pole 3 will likely have similar effects as poles 4 and 5 when viewed from the central portion of the pond.
- Pole 2 will likely have adequate screening remaining that only the top portion could be visible. Note Important to retain vegetation between proposed 100' clearing and road.

Poles 6-9

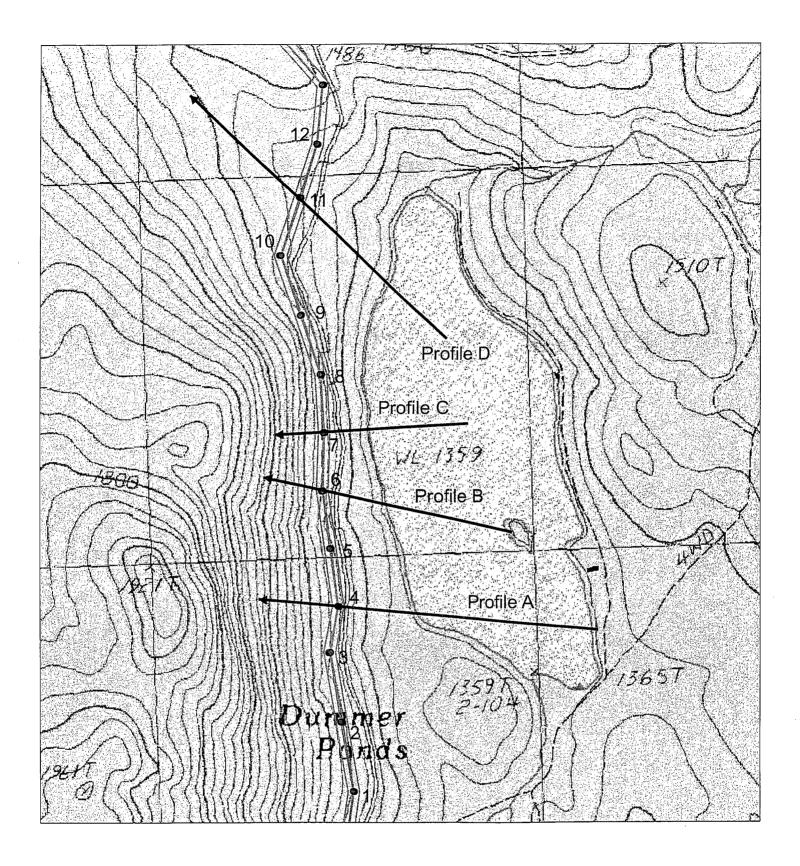
- If the remaining vegetation between the 100' clearing and road is retained, only the top portion of the poles should be visible. Note Retaining vegetation between proposed 100' clearing and road will reduce the likelihood of visibility.
- Except for minimal vegetation west of poles 6 and 9, there is little vegetation behind the poles when viewed from the pond and they will be observed against a slope with recent harvest activity.

Poles 10 - 12

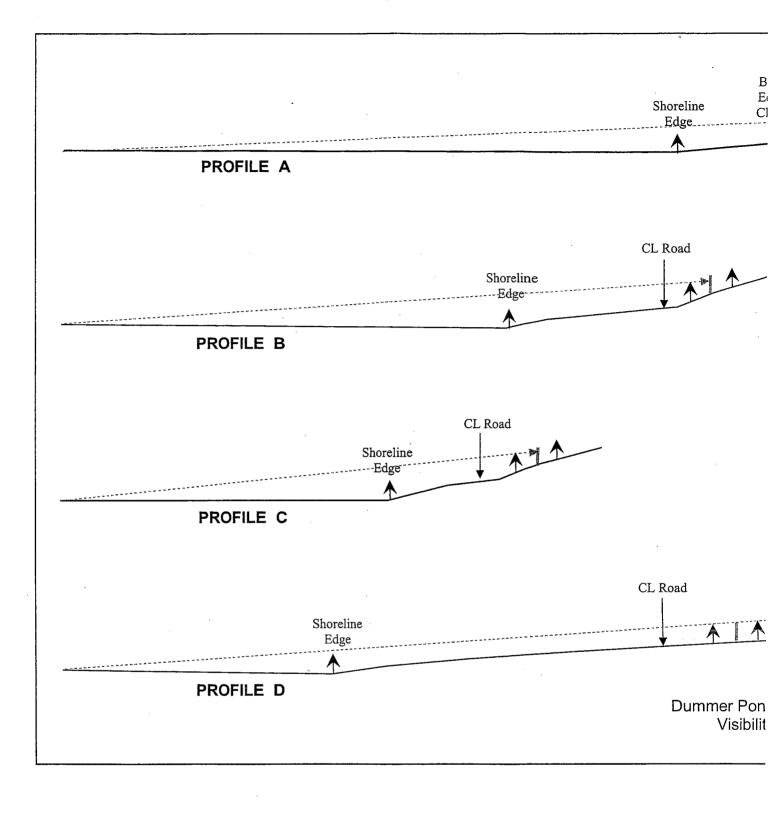
• Profile analysis indicates that these poles are located in terrain that is much flatter and as a result the leading edge of vegetation will screen views of the top of the poles.

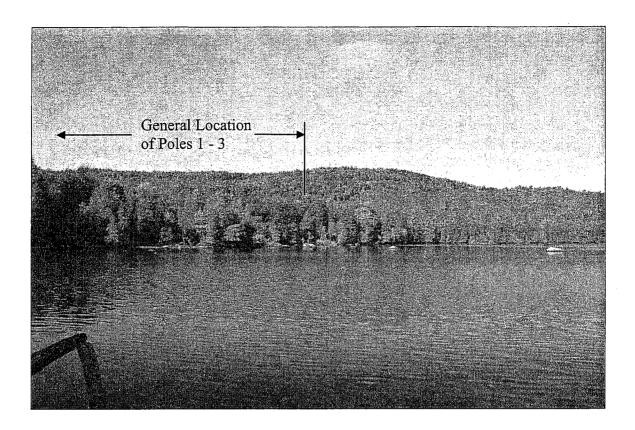


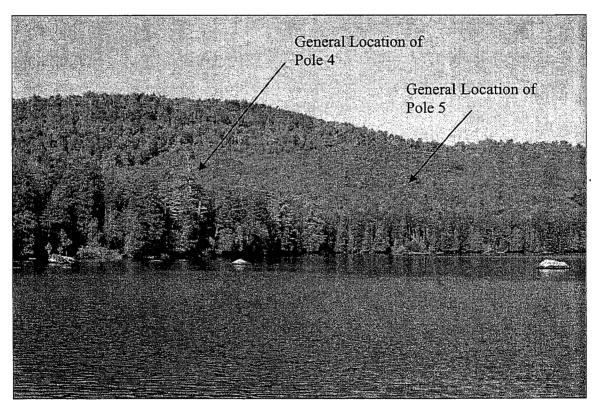
Dummer Pond Interconnection Line Visibility Study (Cross Section Profile Locations)



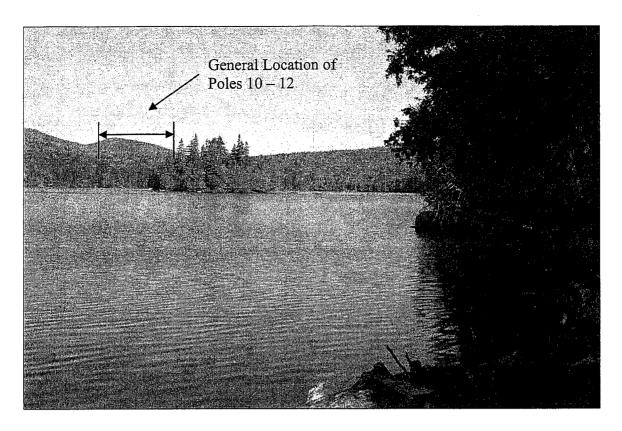
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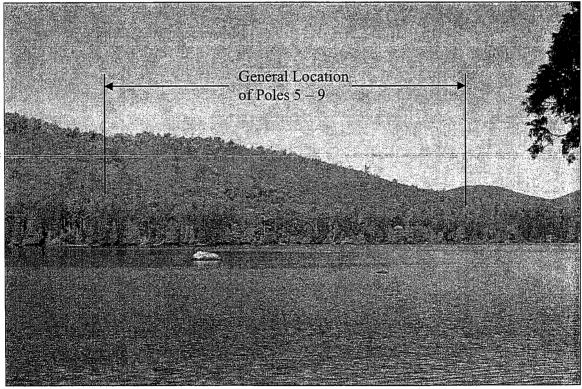






View from approximate location of line-of-site for Profile A. Note clearcut area and general location of poles 4 and 5.





View from Viewpoint 23 looking north / northwest (top) and northwest (bottom. Note flatter more gentle terrain to north, especially to west of island where poles 10, 11, and 12 will be located.



PROCESS IN NEW HAMPSHIRE SECTION 106 CONSULTING PARTY

can become a consulting party, contact: FOR MORE INFORMATION on how you

Richard A. Roach

email: Richard.a.Roach@Usace.army.mil





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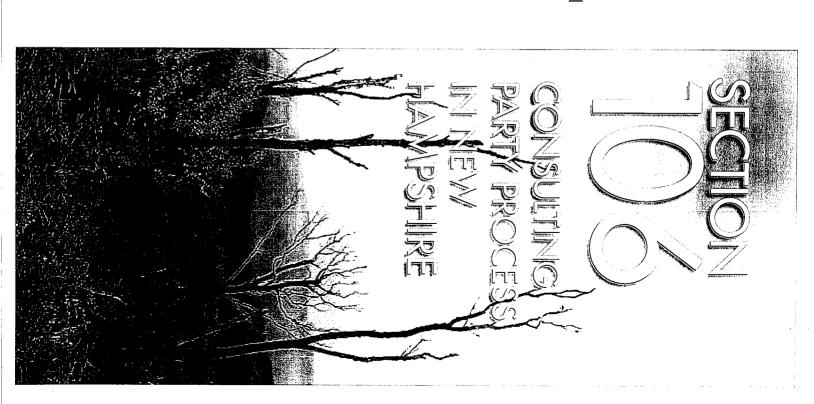
Lancaster, NH 03584 Second Floor Development Manager 148 Main Street

email: Deckerp@noblepower.com Tel: 603-788-2840

project can be tound at: FURTHER INFORMATION about the http://nhsec.state.nh.us/current.htm







IN THE National Historic Preservation Act (NHPA), Congress established a comprehensive program to preserve the historical and cultural foundations of the Nation as a living part of community life.

program, because it requires consideration of historic preservation in the multitude of Federal actions that take place nationwide and throughout New Hampshire.

This project will require a Federal Permit under Section 404 of the Clean Water Act and will be issued by the lead agency for this project, the U.S. Army Corps of Engineers.

TO SUCCESSFULLY COMPLETE SECTION 106 REVIEW, FEDERAL AGENCIES MUST:

- DETERMINE IF SECTION 106 of NHPA applies to a given project and, if so, initiate the review;
- GATHER INFORMATION to decide which properties in the project area are listed in or eligible for the National Register of Historic Places;
- RPLORE ALTERNATIVES to avoid or reduce harm to historic properties;
- DETERMINE how historic properties might be affected;
- REACH AGREEMENT with the State Historic Preservation Officer (SHPO)/Tribe (and the Advisory Council on Historic Preservation in some cases) on measures to deal with any adverse effects.

Throughout **SECTION 106**Review, Federal agencies must consider the views of the public

Granite Reliable Power, LLC (GRP) actively seeks comments through a public participation process.

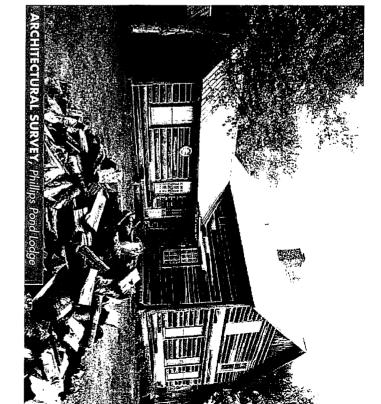
Most projects include one or more public informational meetings to inform the public and solicit input on the current status as it evolves. Additional input from the general public can be obtained at the Public Hearing.

WHEN CULTURAL resources are located within a project area, GRP will ask at public meetings whether or not appropriate institutions and individuals would like to participate as consulting parties. Approved consulting parties also have the opportunity to provide input at regularly scheduled bi-monthly Cultural Resource Agency Coordination Meetings.

WHO ARE "CONSULTING PARTIES"?

The following parties are entitled to actively participate as consulting parties during **SECTION 106** Review:

- State Historic Preservation Officers
- Indian Tribes
- Local Governments
- Historical Societies
- Historical Commissions
- Property owners in the project area



Other individuals and organizations with a demonstrated interest in the project may participate in **SECTION 106** Review as consulting parties.

Consulting parties are entitled to share your views, receive and review pertinent information, offer ideas, and consider possible solutions together with GRP and other consulting parties.

Consultation does not mandate a specific outcome. It is the process of seeking consensus about how the effects on historic properties should be handled.

FURTHER INFORMATION about the **SECTION 106** process can be found at: http://www.achp.gov/citizensguide